

Query Match 100.0%; Score 110; DB 2; Length 371;
Best Local Similarity 100.0%; Pred. No. 1.29e+04;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 356 KNSGKKEEYLOSRN 371
OY 1 KNSGKKEEYLOSRN 16

RESULT 2
ID US-07-920-281C-2 STANDARD: PRT: 2431 AA.
XX xxxxxx
XX
XX
XX
XX

Sequence 2, Application US/07920281C

CC Sequence 2, Application US/07920281C
CC Patent No. 5739026

CC GENERAL INFORMATION:

CC APPLICANT: Garoff, Henrik

CC APPLICANT: Liljestrom, Peter

CC TITLE OF INVENTION: DNA Expression Systems Based on

CC NUMBER OF SEQUENCES: 27

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Birch, Stewart, Kolasch & Birch

CC STREET: P O Box 747

CC CITY: Falls Church

CC STATE: Virginia

CC COUNTRY: USA

CC ZIP: 22040-0747

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patentin Release #1.0, Version #1.25

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/07/920,281C

CC FILING DATE: 13-AUG-1992

CC CLASSIFICATION: 435

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Murphy Jr., Gerald M.

CC REGISTRATION NUMBER: 28,977

CC REFERENCE/DOCKET NUMBER: 828-103P

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: 703-241-1300

CC TELEFAX: 703-241-2848

CC TELEX: 248345

CC INFORMATION FOR SEQ ID NO: 2:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 2431 amino acids

CC TYPE: amino acid

CC TOPOLOGY: linear

CC MOLECULE TYPE: Protein

CC SEQUENCE 2431 AA; 269357 MW; 30290512 CN;

Query Match 64.5%; Score 71; DB 1; Length 2431;
Best Local Similarity 50.0%; Pred. No. 1.86e+00;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Db 197 ATNMADEQVLQARN 210
OY 3 SSGMKKEEYLOSRN 16

RESULT 3
ID US-08-537-400-18 STANDARD: PRT: 60 AA.
XX xxxxxx
XX
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XX
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DT
XX Sequence 18, Application US/08537400
DE
XX Patent No. 5939301
CC
XX Sequence 18, Application US/08537400
CC
XX GENERAL INFORMATION:

CC APPLICANT:

CC TITLE OF INVENTION: Cloned DNA Polymerases From Thermotoga

CC TITLE OF INVENTION: neapolitana And Mutants Thereof

CC NUMBER OF SEQUENCES: 37

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

CC STREET: 1100 New York Avenue, N.W., Suite 600

CC CITY: Washington

CC STATE: DC

CC COUNTRY: USA

CC ZIP: 20005

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patentin Release #1.0, Version #1.30

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/537,400

CC FILING DATE: 02-OCT-1995

CC CLASSIFICATION: 435

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: US 08/316,423

CC FILING DATE: 30-SEP-1994

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: US 08/370,190

CC FILING DATE: 09-JAN-1995

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Remond, Robert W.

CC REGISTRATION NUMBER: 32,893

CC REFERENCE/DOCKET NUMBER: 0942.2800002

CC TELECOMMUNICATION INFORMATION:

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CC TELEFAX: 202-371-2540

CC INFORMATION FOR SEQ ID NO: 18:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 60 amino acids

CC TYPE: amino acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC MOLECULE TYPE: protein

CC SEQUENCE 60 AA; 7002 MW; 16647 CN;

Query Match 58.2%; Score 64; DB 2; Length 60;
Best Local Similarity 50.0%; Pred. No. 9.40e+00;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Db 31 RNATGKKGELL 42
OY 1 KNSGKKEEYLOSRN 12

RESULT 4
ID US-08-801-263A-2 STANDARD: PRT: 2500 AA.
XX xxxxxx
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Sequence 2, Application US/08801263A

CC Sequence 2, Application US/08801263A

CC Patent No. 5811407

CC GENERAL INFORMATION:

CC APPLICANT: Johnston, Robert E.

CC APPLICANT: Davis, Nancy L.

CC APPLICANT: Simpson, Dennis A.